Exhibit A

Exhibit B

Exhibit C

Exhibit D

Exhibit E

Exhibit F

Page 1

⊕ CME Group

Minimum Performance Bond Requirements

Business Date	Description	Exchange	Margin	Roll Product Code
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-2
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-1
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-5
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-4
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-6
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-3
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-9
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-7
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI -8
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-10
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-11
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-14
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-12
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-13
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-15
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-16
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-17
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-18
12/31/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-19
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-2
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-1
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-5
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-4
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-6
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-3
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-9
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-7
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-8
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-10
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-11
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-14
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-12
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-13
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-15
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-16
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-17
12/30/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-18
12/27/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	\$1-2
12/27/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-1
12/27/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-5
12/27/2013 0:00	COMEX 5000 SILVER FUTURES	CMX	10000	SI-4



Page 308

1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-5
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-4
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-6
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-7
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-9
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-11
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-8
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-10
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-14
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-15
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-12
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-13
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-16
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-17
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-18
1/26/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-19
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-2
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-1
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-3
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-5
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-4
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	. CMX	8250	SI-6
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-7
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-9
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-11
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-8
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-10
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-14
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-15
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-12
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-13
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-16
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-17
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-18
1/25/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-19
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-2
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-1
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-3
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-5
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-4
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	ÇMX	8250	SI-6
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-7
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-9
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-11
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-8
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-10
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-14
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Page 309

1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-15
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-12
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-13
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-16
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-17
1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-18
_1/24/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-19
1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-2
1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-1
1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-3
1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-5
1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-4
1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-6
1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-7
1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-9
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1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-18
1/21/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	8250	SI-19
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-2
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-1
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-3
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1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-4
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	
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1/20/2011 0:00	COMEX 5000 SILVER FUTURES COMEX 5000 SILVER FUTURES	CMX	7750	SI-7
1/20/2011 0:00		CMX	7750	SI-9
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-11
	COMEX 5000 SILVER FUTURES	CMX	7750	SI-8
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-10
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-14
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-15
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-12
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1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-16
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-17
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-18
1/20/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-19
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-2
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-1

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1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-5	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-4	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-6	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-7	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-9	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-11	te
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-8	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-10	
1/19/2011 0:00 1/19/2011 0:00	COMEX 5000 SILVER FUTURES COMEX 5000 SILVER FUTURES	CMX	7750 7750	SI-14 SI-15	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-12	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-13	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-16	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-17	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-18	
1/19/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-19	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-2	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-1	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-3	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-5	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-4	
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1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-9	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-11	
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1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-10	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-14	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-15	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-12	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-13	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-16	
1/18/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-17	
1/18/2011 0:00 1/18/2011 0:00	COMEX 5000 SILVER FUTURES COMEX 5000 SILVER FUTURES	CMX	7750 7750	SI-18 SI-19	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-2	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-1	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-3	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-5	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-4	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-6	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-7	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-9	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-11	***
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-8	
1/17/2011 0:00	COMEX 5000 SILVER FUTURES	CMX	7750	SI-10	
				,	
I					

Exhibit G

Exhibit H

Exhibit I

Exhibit J

Exhibit K

Exhibit L

Exhibit M

Exhibit N

Exhibit O

Exhibit P

Exhibit Q

Exhibit R

Exhibit S

Exhibit T